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CHEMICAL PROPERTIES OF THE SOILS--Continued  
Table iii-J-3(A)  
Monroe County, West Virginia

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Map symbol and soil name	Depth	Clay	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	Pct	meq/100g	meq/100g	pH	Pct	Pct	mmhos/cm	
57E: Berks-----	0-3	5-23	---	5.0-15	3.6-6.5	---	---	---	---
	3-23	5-32	---	5.0-10	3.6-6.5	---	---	---	---
	23-30	5-20	---	5.0-10	3.6-6.5	---	---	---	---
	30-31	---	---	---	---	---	---	---	---
Dekalb-----	0-4	10-20	---	10-18	3.6-6.5	---	---	---	---
	4-23	7-18	---	5.0-10	3.6-5.5	---	---	---	---
	23-33	5-15	---	5.0-10	3.6-5.5	---	---	---	---
	---	---	---	---	---	---	---	---	---
Other soils----	---	---	---	---	---	---	---	---	---
57F: Berks-----	0-3	5-23	---	5.0-15	3.6-6.5	---	---	---	---
	3-23	5-32	---	5.0-10	3.6-6.5	---	---	---	---
	23-30	5-20	---	5.0-10	3.6-6.5	---	---	---	---
	30-31	---	---	---	---	---	---	---	---
Dekalb-----	0-4	10-20	---	10-18	3.6-6.5	---	---	---	---
	4-23	7-18	---	5.0-10	3.6-5.5	---	---	---	---
	23-33	5-15	---	5.0-10	3.6-5.5	---	---	---	---
	33-35	---	---	---	---	---	---	---	---
Other soils----	---	---	---	---	---	---	---	---	---
58F: Weikert-----	0-6	15-27	---	6.0-20	4.5-6.0	---	---	---	---
	6-16	15-27	---	6.0-15	4.5-6.0	---	---	---	---
	16-17	---	---	---	---	---	---	---	---
Other soils----	---	---	---	---	---	---	---	---	---
62C: Frederick-----	0-8	13-27	---	---	4.5-6.0	---	---	---	---
	8-29	40-80	---	---	4.5-6.0	---	---	---	---
	29-79	40-70	---	---	4.5-6.0	---	---	---	---
Caneyville-----	0-3	27-40	15-20	---	5.1-7.3	0	0	0	0
	3-10	36-60	15-25	---	5.1-7.3	0	0	0	0
	10-24	40-60	18-30	---	5.6-7.8	0	0	0	0
	24-25	---	---	---	---	---	---	---	---
Other soils----	---	---	---	---	---	---	---	---	---
62E: Other soils----	---	---	---	---	---	---	---	---	---
Frederick-----	0-8	13-27	---	---	4.5-6.0	---	---	---	---
	8-29	40-80	---	---	4.5-6.0	---	---	---	---
	29-79	40-70	---	---	4.5-6.0	---	---	---	---
Caneyville-----	0-3	10-27	---	---	4.5-7.3	---	---	---	---
	3-10	36-60	---	---	4.5-7.3	---	---	---	---
	10-24	40-60	---	---	5.6-7.8	---	---	---	---
	24-25	---	---	---	---	---	---	---	---

CHEMICAL PROPERTIES OF THE SOILS--Continued  
Table iii-J-3(A)  
Monroe County, West Virginia

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Map symbol	Depth	Clay	Cation-	Effective	Soil	Calcium	Gypsum	Salinity	Sodium
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